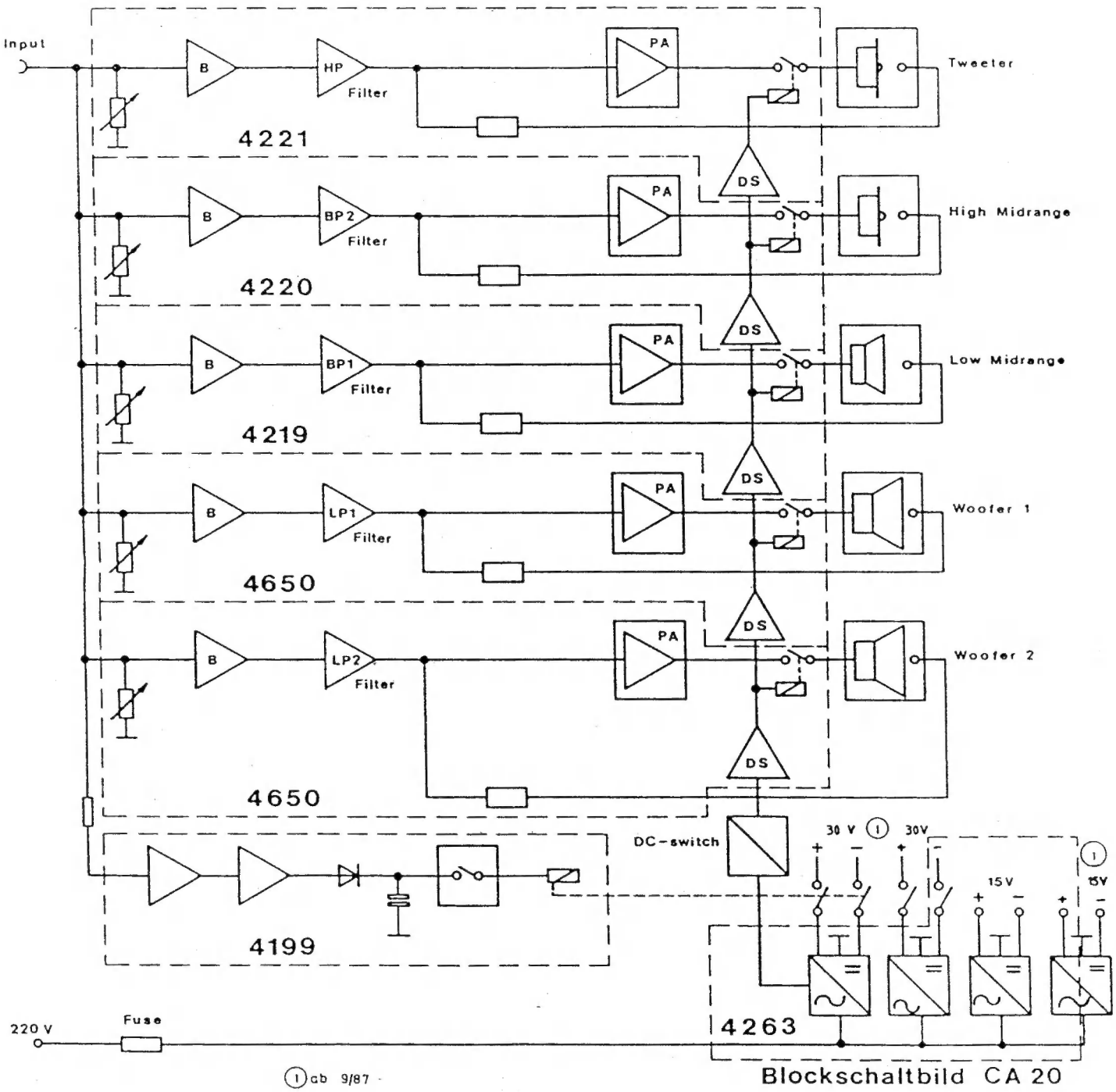
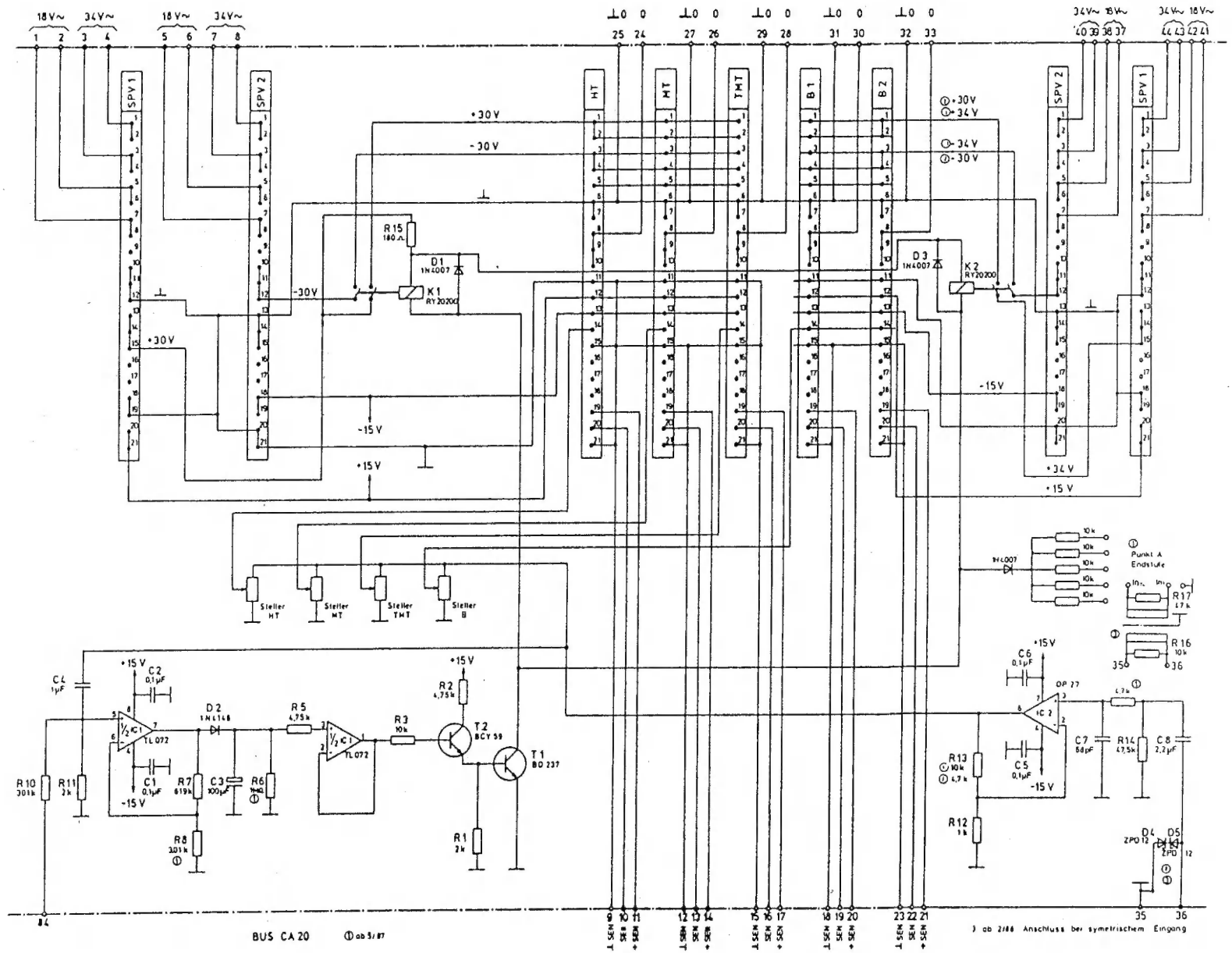
SERVICE-INFORMATION
(ERGÄNZUNG)

SERVICE INSTRUCTIONS
(SUPPLEMENT)

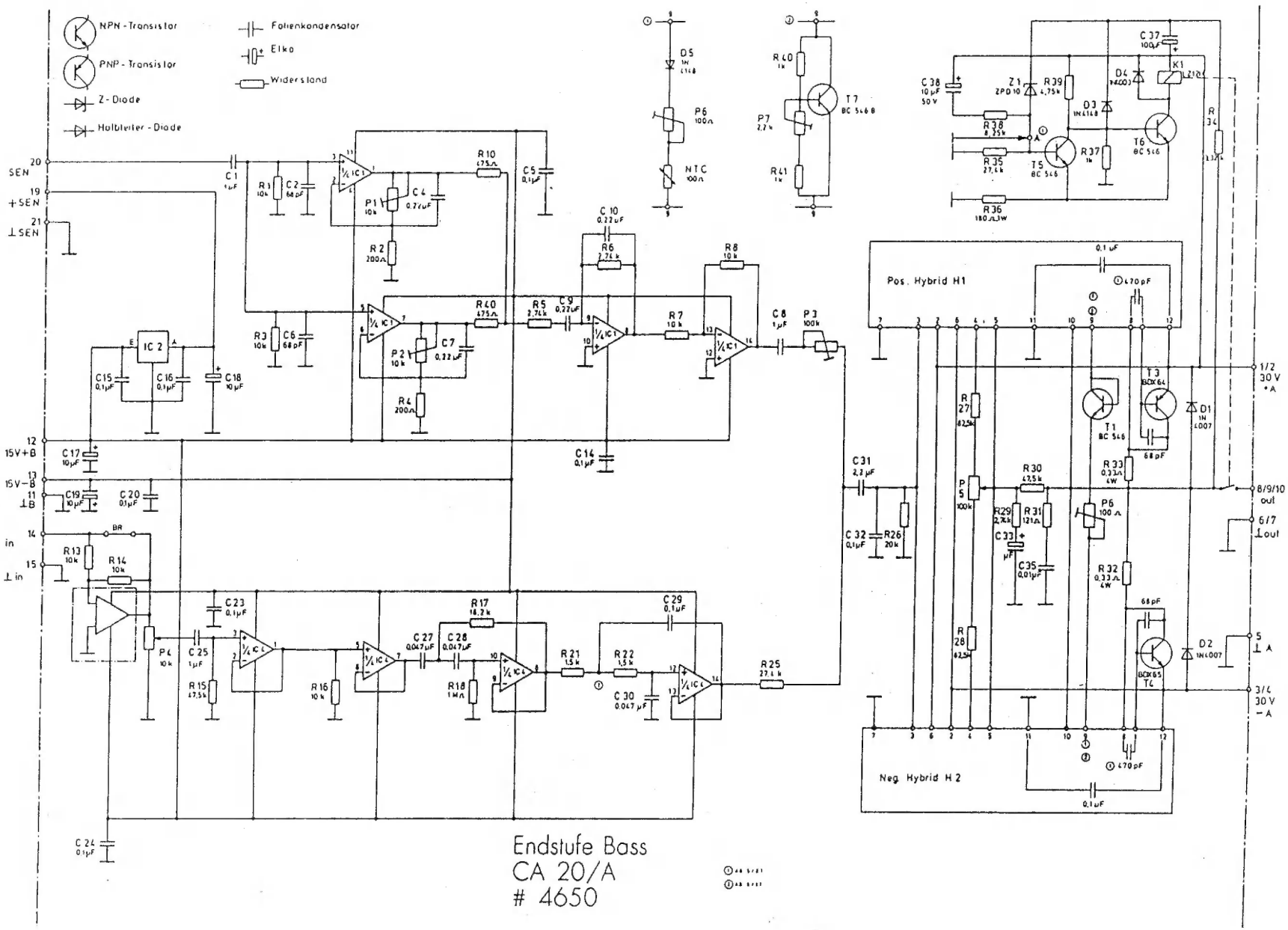
CANTON

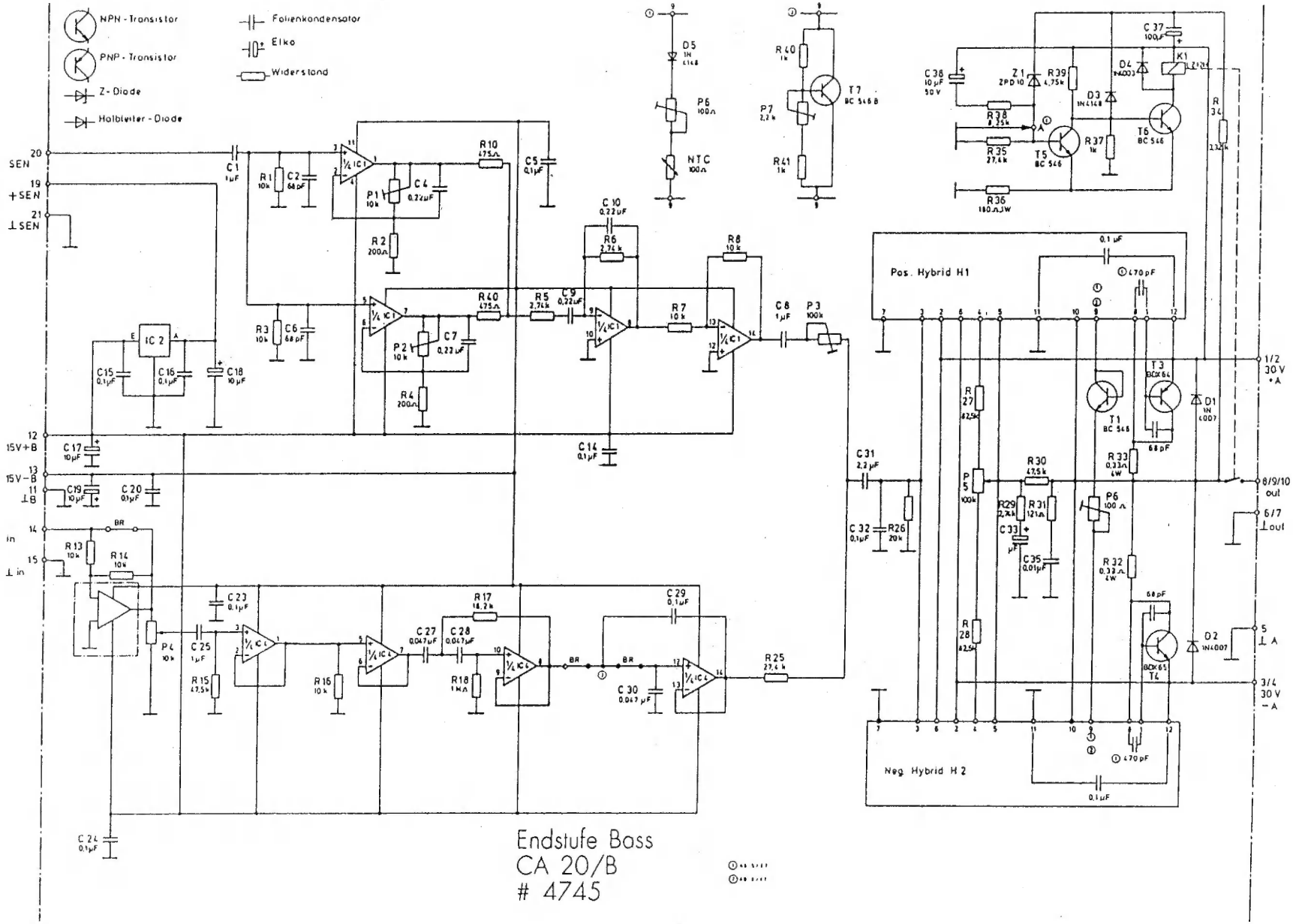
CA 20


Input
B
HP
Filter
PA
Tweeter
4221
DS
B
BP2
Filter
PA
High Midrange
4220
DS
B
BP1
Filter
PA
Low Midrange
4219
DS
B
LP1
Filter
PA
Woofer 1
4650
DS
B
LP2
Filter
PA
Woofer 2
4650
DS
DC-switch
30 V
30V
15V
15V
4199
4263
220 V
Fuse
Blockschaltbild CA 20

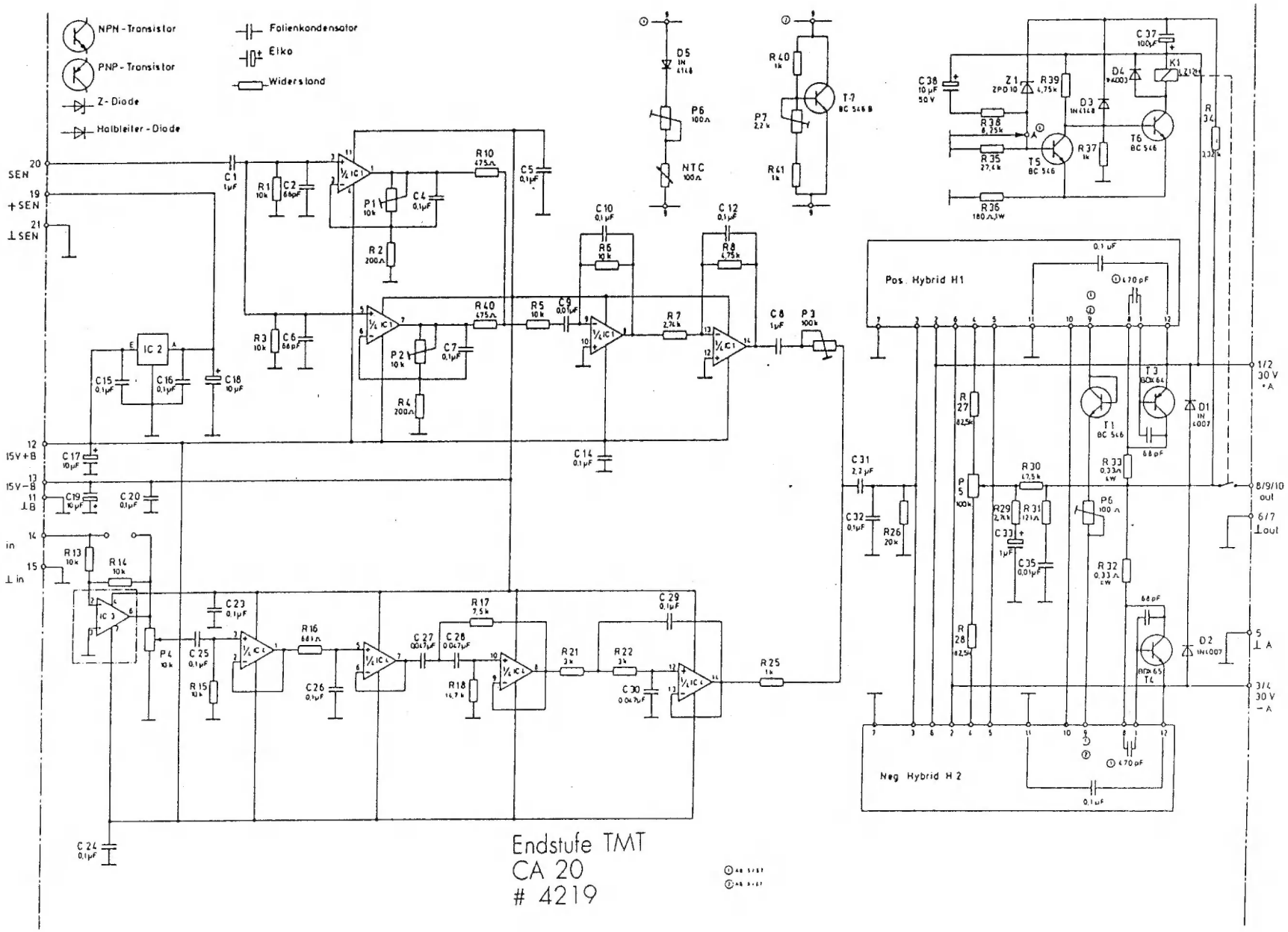

18V~
34V~
SPV 1
SPV 2
HT
MT
TMT
B 1
B 2
+30V
-30V
-15V
+15V
+34V
-34V
D1 1N4007
D3 1N4007
K1 RY2020
K2 RY2020
R15 180Ω
Steller HT
Steller MT
Steller TMT
Steller B
Punkt A Endstufe
R17 4,7k
R16 10k
C6 0,1µF
C5 0,1µF
C7 68pF
R14 47,5k
C8 2,2µF
R13 10k
R12 1k
IC 2 OP 27
D4 ZPD 12
D5 ZPD 12
C4 1µF
C2 0,1µF
C1 0,1µF
D2 1N4148
R5 4,75k
R3 10k
R2 4,75k
T2 BCY 59
T1 BD 237
R1 2k
R7 619k
C3 100µF
R6 1MΩ
R8 301k
R10 301k
R11 2k
½ IC 1 TL 072
BUS CA 20
① ab 5/87
3 ab 2/88 Anschluss bei symetrischem Eingang

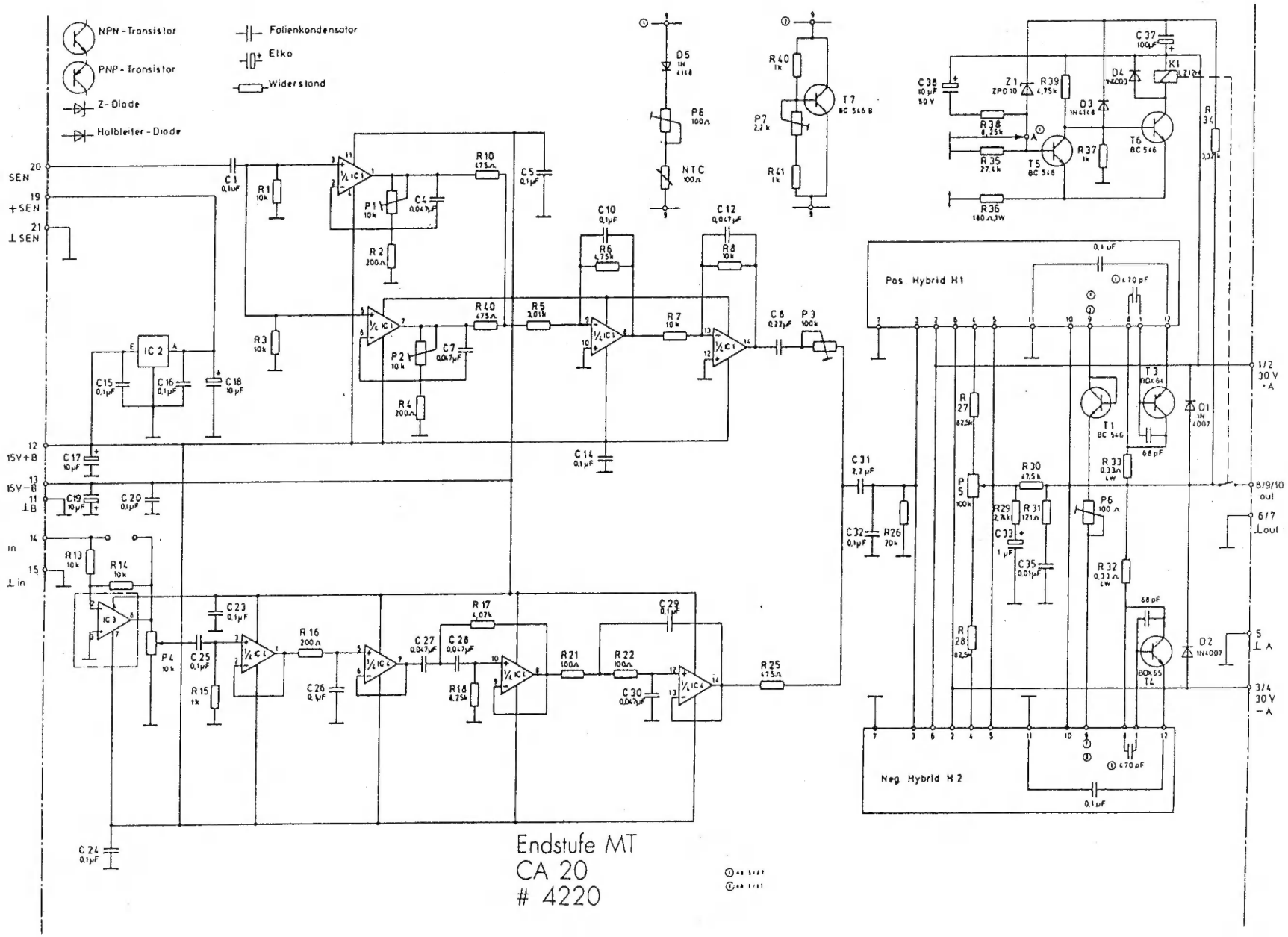
CANTON

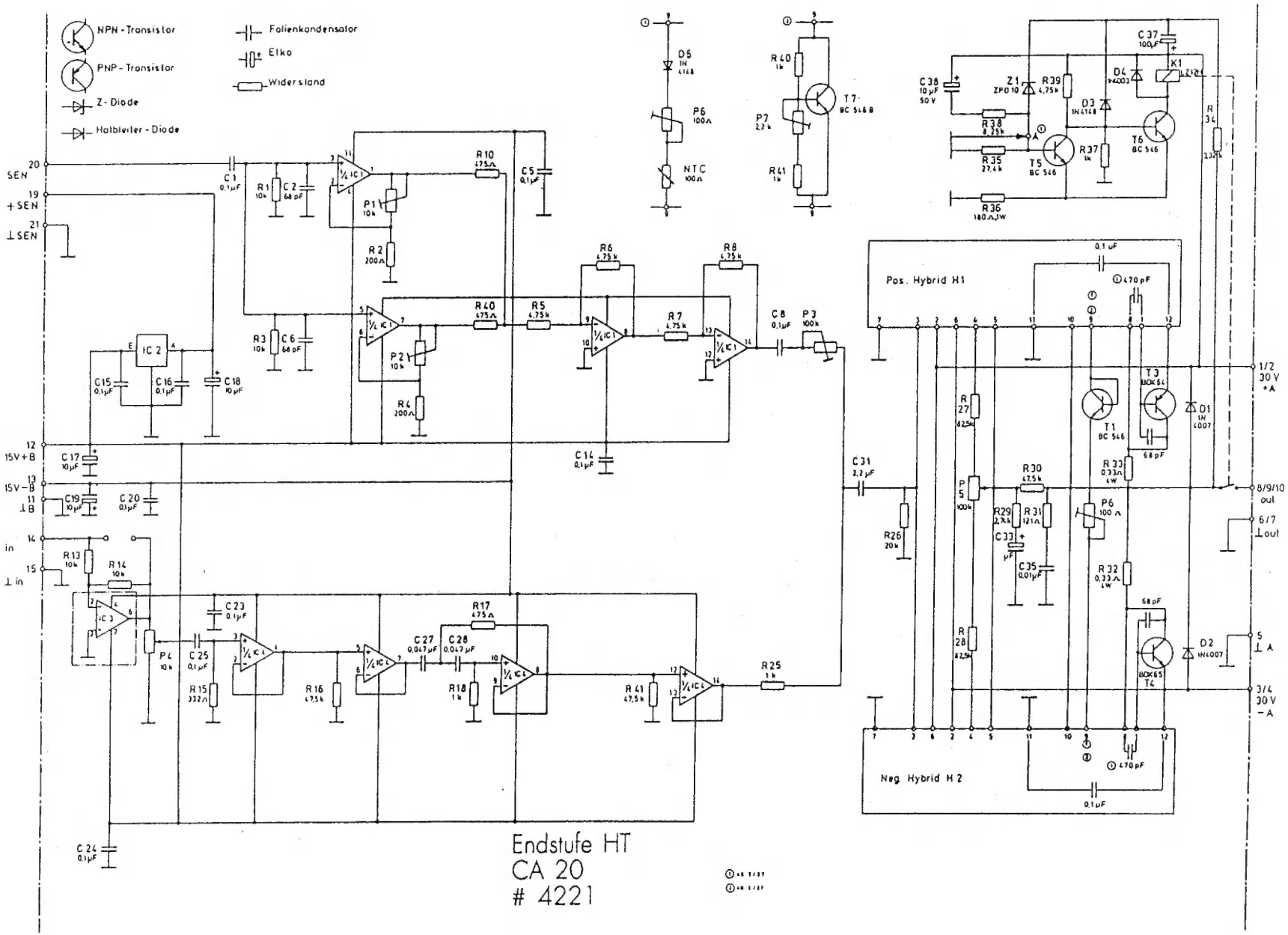

NPN - Transistor
PNP - Transistor
Z - Diode
Halbleiter - Diode
Folienkondensator
Elko
Widerstand
Pos. Hybrid H1
Neg. Hybrid H2
SEN
+SEN
⊥SEN
15V+B
15V-B
⊥B
in
⊥ in
⊥ out
8/9/10 out
1/2 30 V +A
3/4 30 V -A
⊥ A
Endstufe Bass
CA 20/A
4650



Endstufe Boss
CA 20/B
4745


NPN - Transistor
PNP - Transistor
Z - Diode
Halbleiter - Diode
Folienkondensator
Elko
Widerstand
Pos. Hybrid H1
Neg. Hybrid H2
Endstufe TMT
CA 20
4219


NPN - Transistor
PNP - Transistor
Z - Diode
Halbleiter - Diode
Folienkondensator
Elko
Widerstand
Endstufe MT
CA 20
4220
Pos. Hybrid H1
Neg. Hybrid H2


NPN - Transistor
PNP - Transistor
Z - Diode
Hotleiter - Diode
Folienkondensator
Elko
Widerstand
Pos. Hybrid H1
Neg. Hybrid H2
IC 1
IC 2
IC 3
IC 4
T1 BC 546
T2 BOX 65
T3 BOX 64
T4 BOX 65
T5 BC 546
T6 BC 546
T7 BC 548 B
Z1 ZPD 10
D1 IN 4007
D2 IN 4007
D3 IN 4148
D4 IN 4003
D5 IN 4148
K1
P1 10k
P2 10k
P3 100k
P4 10k
P5 100k
P6 100 Ω
P7 2,2 k
NTC 100 Ω
20 SEN
19 +SEN
21 ⊥SEN
12 15V+B
13 15V−B
11 ⊥B
14 in
15 ⊥in
1/2 30 V +A
8/9/10 out
6/7 ⊥out
5 ⊥A
3/4 30 V −A
Endstufe HT
CA 20
4221